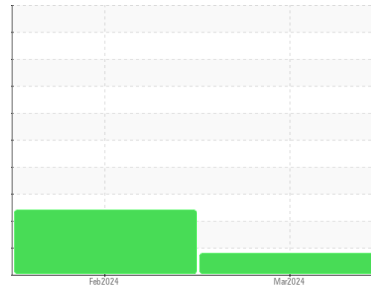




# OIL ANALYSIS REPORT

Sample Rating Trend



**WEAR**



Area  
**(L913871)**  
 Machine Id  
**829119**  
 Component  
**Transmission (Auto)**  
 Fluid  
**SHELL SPIRAX S6 ATF (40 LTR)**

## DIAGNOSIS

### ▲ Recommendation

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. ( Customer Sample Comment: Reechantillonner après 52hrs avec filtre neuf car avait de la saleté )

### ▲ Wear

Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

### Contamination

Il n'y a aucun indice de contamination dans le fluide.

### Fluid Condition

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0081629</b>	GFL0081620	---
Sample Date	Client Info		<b>07 Mar 2024</b>	27 Feb 2024	---
Machine Age	hrs	Client Info	<b>11494</b>	11443	---
Oil Age	hrs	Client Info	<b>2831</b>	2780	---
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	---
Sample Status			<b>ABNORMAL</b>	ABNORMAL	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>50	<b>3</b>	5	---
Iron	ppm	ASTM D5185(m)	>160	<b>▲ 192</b>	▲ 231
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0
Aluminum	ppm	ASTM D5185(m)	>50	<b>28</b>	32
Lead	ppm	ASTM D5185(m)	>50	<b>5</b>	6
Copper	ppm	ASTM D5185(m)	>225	<b>14</b>	17
Tin	ppm	ASTM D5185(m)	>10	<b>1</b>	2
Antimony	ppm	ASTM D5185(m)		<b>0</b>	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0

## ADDITIVES

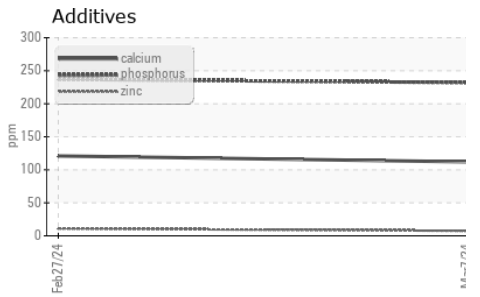
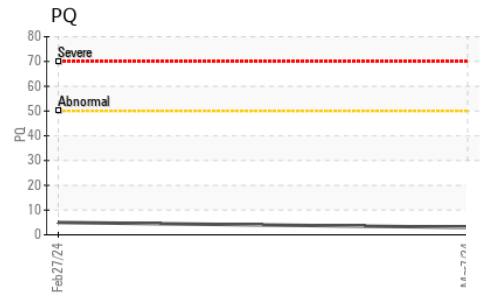
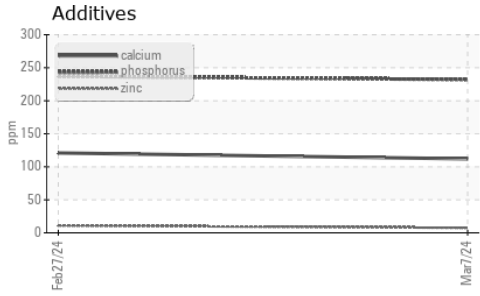
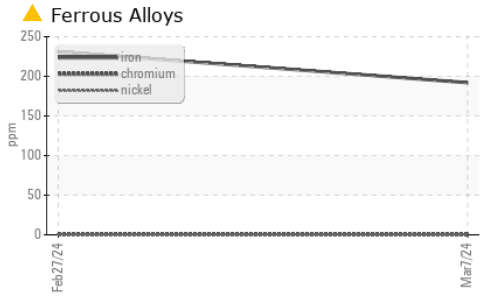
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>75</b>	73
Barium	ppm	ASTM D5185(m)		<b>0</b>	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	1
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	1
Calcium	ppm	ASTM D5185(m)		<b>112</b>	121
Phosphorus	ppm	ASTM D5185(m)		<b>232</b>	237
Zinc	ppm	ASTM D5185(m)		<b>8</b>	11
Sulfur	ppm	ASTM D5185(m)		<b>1430</b>	1419
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	<b>17</b>	▲ 20
Sodium	ppm	ASTM D5185(m)		<b>4</b>	5
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2



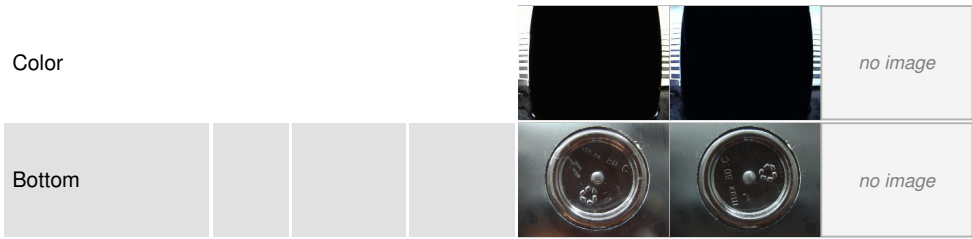
# OIL ANALYSIS REPORT



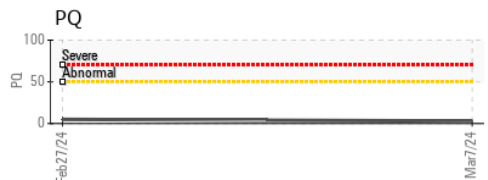
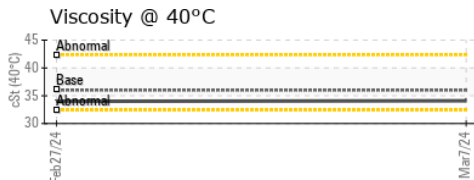
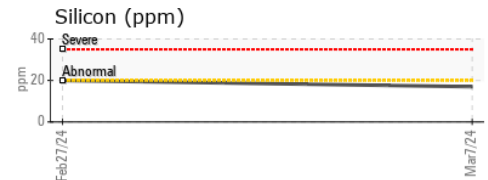
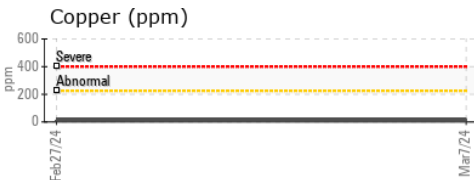
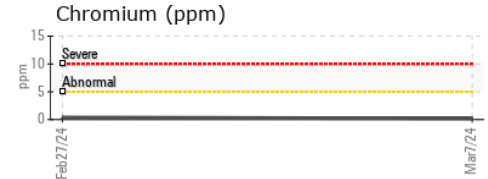
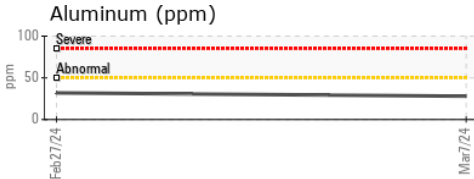
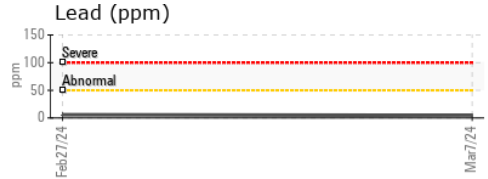
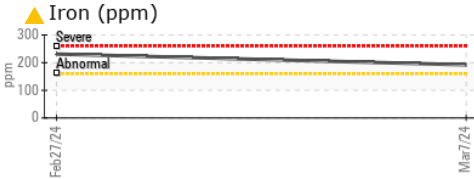
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36	34.1	34.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0081629      **Received** : 14 Mar 2024  
**Lab Number** : 02622054      **Tested** : 14 Mar 2024  
**Unique Number** : 5747173      **Diagnosed** : 15 Mar 2024 - Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: PQ )

**GFL Environmental - 774**  
 169 Route 117  
 Mont-Tremblant, QC  
 CA J8E 1A1  
 Contact: Stephane Filteau  
 sfilteau@matrec.ca

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.